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C.P.

PATENT

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April 10, 2003
Date

Ayesha S. Wilks
Ayesha S. Wilks

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Scott N. Gatzemeier and
Wallace E. Fister

Attorney Docket No.: 501088.01

Serial No. : 10/023,280

Group Art Unit : 2818

Filed : December 14, 2001

Examiner : Trong Phan

Title : APPARATUS AND METHOD FOR PARALLEL PROGRAMMING OF ANTIFUSES

Box Non-Fee Amendment
Commissioner of Patents
Washington, DC 20231

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AMENDMENT

Sir:

Please amend the above-captioned patent application as follows:

In the Drawings:

Figures 1-7 have been amended as shown in the red in the attached drawings.

In the Specification:

Please replace the paragraph beginning at page 1, line 18, with the following rewritten paragraph:

A' --Figure 1 illustrates a flow diagram of a conventional method for programming antifuses of a memory device. A redundancy analyzer (RA) solution is calculated based on the location of any defective memory that is determined during testing at a step 102. Generally, the RA solution provides a solution for efficient use of the redundancy memory that is available on



2818

FEE TRANSMITTAL SHEET (FOR FY 2003)

Complete if Known

Application No.	10/023,280
Filing Date	December 14, 2001
First Named Inventor	Scott N. Gatzemeier
Group Art Unit	2818
Examiner	Trong Phan
Atty. Docket Number	501088.01

METHOD OF PAYMENT (Check One)

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☐ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
101	750	201	375	<input type="checkbox"/> Utility Filing Fee
106	330	206	165	<input type="checkbox"/> Design Filing Fee
108	750	208	375	<input type="checkbox"/> Reissue Filing Fee
114	160	214	80	<input type="checkbox"/> Provisional Filing Fee

Subtotal (1) \$ 0

2. EXTRA CLAIM FEES

Current Claims	Prior	Extra	Fee	Fee Paid
Total	31	-	35	= 0 x \$ = \$ 0
Ind.	7	-	7	= 0 x \$ = \$ 0
Multiple Dependent Claims				x \$ = \$

Subtotal (2) \$ 0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent Claim
109	84	209	42	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - Late filing fee or oath	\$
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$
139	130	139	130	Non-English specification	\$
147	2,520	147	2,520	For Filing a Request for Reexamination	\$
195	300	196	300	Publication (early or Republication)	\$
115	110	215	55	Extension for reply within first month	\$
116	410	216	205	Extension for reply within 2 nd month	\$
117	930	217	465	Extension for reply within 3 rd month	\$
118	1,450	218	725	Extension for reply within 4 th month	\$
128	1,970	280	985	Extension for reply within 5 th month	\$
120	320	220	160	Filing a brief in support of an appeal	\$
121	280	270	140	Request for oral hearing	\$
148	110	248	55	Terminal Disclaimer Fee	\$
140	110	240	55	Petition to revive -- unavoidable	\$
141	1,300	241	650	Petition to revive -- unintentional	\$
142	1,300	242	650	Utility/Reissue issue fee (+ advance copies)	\$
143	470	243	235	Design issue fee (+ advance copies)	\$
122	130	122	130	Petitions to the Commissioner	\$
123	50	123	50	Petitions related to provisional applications	\$
126	180	126	180	Submission of IDS	\$
581	40	81	40	Recording each patent assignment per property (times number of properties)	\$
179	750	279	375	Request for Continued Examination (RCE)	\$

Other fee (specify)

Subtotal (3) \$ 0

Total Amount of Payment: \$ 0

Submitted by:

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Date: April 10, 2003

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